

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE INSTALLATION OF TEMPORARY SIGNAL EQUIPMENT AT THE INTERSECTION OF MD 32 (SYKESVILLE RD) AT W. LINDEN CHURCH RD. THIS TRAFFIC SIGNAL WILL BE REMOVED AT THE COMPLETION OF INTERCHANGE CONSTRUCTION. MD 32 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION WILL OPERATE IN A NEMA THREE-PHASE FULL-TRAFFIC- ACTUATED MODE. THE MD 32 NORTHBOUND LEFT TURNS OPERATE IN EXCLUSIVE-PERMISSIVE PHASING. AS PART OF THIS MOT PHASE, NEMA PHASE 4 (W. LINDEN CHURCH ROAD LEFT TURNS) WILL BE REMOVED TO ALLOW FOR A LANE SHIFT FOR BRIDGE CONSTRUCTION.

CONTROLLER REQUIREMENTS

THE EXISTING FULL-TRAFFIC-ACTUATED EIGHT-PHASE TRAFFIC SIGNAL CONTROLLER HOUSED IN A POLE MOUNTED CABINET SHALL REMAIN.

EQUIPMENT LIST "A, B & C"

A. EQUIPMENT TO BE SUPPLIED BY SHA.

ITEM NO.	DESCRIPTION
900000	SHEET ALUMINUM SIGNS - MAST ARM / POLE MOUNTED R3-2 (36"X36")

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

ITEM NO.	DESCRIPTION
585625	24 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES
800000	40 FOOT CLASS II WOOD POLE WITH DOUBLE BACK GUY ASSEMBLY
800000	WEATHER HEAD, 2 INCH
800000	DISCONNECT, PULLBACK & RE-ROUTE CABLE
800000	REMOVE AND DISPOSE OF EXISTING SIGNAL EQUIPMENT
800000	4 INCH ELECTRICAL CONDUIT SLEEVE
800000	8 INCH LED VEHICULAR TRAFFIC SIGNAL HEAD SECTION
801104	WOOD SIGN SUPPORTS 4 INCH X 4 INCH
801605	SHEET ALUMINUM SIGNS
802501	NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
805160	1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
810550	MICROLOOP PROBE, 1000 FOOT LEAD IN CABLE
813015	INSTALL OVERHEAD SIGN
833050	2 INCH DIAMETER POLYVINYL CHLORIDE CONDUIT, SCHEDULE 80, RISER
837001	GROUND ROD - 3/4 INCH DIAMETER X 10 FOOT LENGTH
860265	RELOCATE EXISTING SIGNAL HEAD
860284	12 INCH LED VEHICULAR TRAFFIC SIGNAL HEAD SECTION
861108	ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG)
862101	LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO. 14 AWG)
862102	SAW CUT FOR SIGNAL (LOOP DETECTOR)

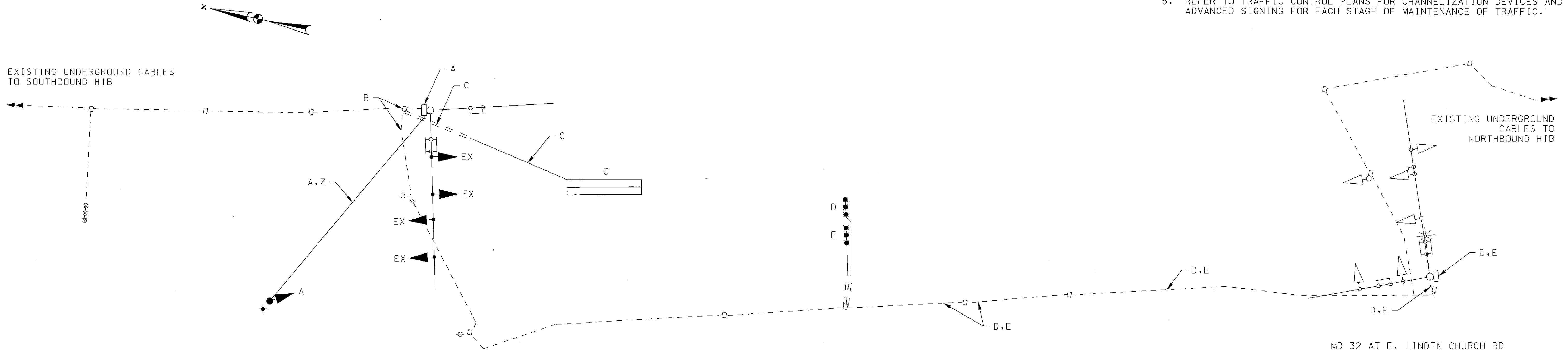
C. ALL MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

PHASING CHART

	1	2	3	4	5
PHASE 1 AND 6	G/G-G	G/G-G	G	R	R
1 AND 6 CHANGE	G/G-G	G/G-G	G	R	R
PHASE 2 AND 6	G	G	G	G	G
2 AND 6 CHANGE	G	G	G	Y	Y
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y

GENERAL NOTES

- THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABELING EACH CABLE.
- ALL UNUSED CABLE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
- UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING "MISS UTILITY" PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
- REFER TO TRAFFIC CONTROL PLANS FOR CHANNELIZATION DEVICES AND ADVANCED SIGNING FOR EACH STAGE OF MAINTENANCE OF TRAFFIC.



CONTACT PERSONS FOR DISTRICT #7 ARE AS FOLLOWS:

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CONTACT PERSONS FOR OOTS ARE AS FOLLOWS:

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WIRING KEY

- A 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)
- B DISCONNECT, PULLBACK AND RE-ROUTE EXISTING 2-CONDUCTOR, ALUMINUM SHIELDED (NO. 14 AWG) FOR LOOP DETECTOR
- C LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO. 14 AWG)
- D,E MICROLOOP PROBE SET WITH 1000 FT. LEAD-IN CABLE
- Z STRANDED BARE COPPER GROUND WIRE (NO. 6 AWG)
- EX EXISTING CABLES
- ⊕ EXISTING GROUND ROD
- ★ PROPOSED GROUND ROD



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 32 (SYKESVILLE ROAD) AT
WEST LINDEN CHURCH ROAD
DAYTON, MARYLAND

GENERAL INFORMATION SHEET

SCALE	NONE	DATE	JULY 2012	CONTRACT NO.	H03915170
DESIGNED BY	WFW	COUNTY	HOWARD		
DRAWN BY	WFW	LOGMILE	13003212.83		
CHECKED BY	BJG	TIMS NO.	K669		
FAP NO.		TOD NO.			

TS NO. 3806B-G1	DRAWING	SP-2	OF 4	SHEET NO. 134	OF
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